CROSSHANDLE POLICE BATON WITH HOOK AND ARM TRAP

CROSS REFERENCE TO RELATED APPLICATIONS

This application is a continuation of U.S. application Ser. No. 08/122,206 filed Sep. 16, 1993, now abandoned.

TECHNICAL FIELD OF THE INVENTION

This invention relates in general to the field of passive restraint devices and more particularly to a passive control tool and methods of restraining subjects using such a passive control tool.

BACKGROUND OF THE INVENTION

Peace officers have the need for a device that they can carry at their side and use for self defense and to control human subjects. One of the least complicated devices is simply a stick with a handle at one end.

The classic night stick has been changed over the years in a variety of ways. For example, perpendicular handles and other handguards have been added to help protect the peace officer's hands. Other devices have also been used that comprise flexible rectangular-shaped metal formed into U-shaped devices. These may be used by pinching a human subject's limbs in the flexible device. Such flexible devices are not as suitable for striking and blocking and their rectangular shape contains sharp edges that can cut a human subject's skin or fracture bone.

Accordingly, a need has arisen for a passive control tool that is useful for striking, blocking and passive restraint.

SUMMARY OF THE INVENTION

In accordance with the present invention, a passive control tool and method of operation is provided that substantially eliminates or reduces disadvantages and problems associated with prior passive restraint devices.

According to one embodiment of the present invention, a passive restraint device is provided that has a handle which has a first and a second end. The passive restraint device has a body connected to the first end of the handle, a pocket connected to the body, an arm trap connected to the pocket, and a hook connected to the arm trap.

According to an alternate embodiment of the present invention, a passive control tool is provided that includes a handle that has a first and a second end and a substantially spherical ball that is connected to the first end of the handle. The passive control tool has an arm and a weapon trap connected to the handle proximate the second end of the handle. The passive control tool has a striking base connected to the weapon trap, a pocket connected to the striking base, an arm trap connected to the pocket, and a hook connected to the arm trap.

One technical advantage of the present invention inheres in the fact that the configuration of the portions of the tool allows control of a human subject with the use of only one arm once the tool has been set.

A second technical advantage of the present invention is that the tool is circular in cross-section which prevents fracture or laceration when the tool is being used on a human subject.

BRIEF DESCRIPTION OF THE DRAWINGS

For a more complete understanding of the present invention and the advantages thereof, reference is now made to the following description taken in conjunction with the accompanying drawings in which like reference numbers indicated like features and wherein:

FIG. **1** illustrates a side view and cross-section of the present invention;

FIG. **2** illustrates jabbing with the present invention;

FIG. **3** illustrates one-handed blocking with the present invention;

FIG. **4***a* illustrates two-handed blocking with the present invention;

FIG. **4***b* illustrates weapon disarming after performing a one-handed or two-handed block with the present invention;

FIG. **5** illustrates extracting a human subject that does not want to move with the present invention;

FIG. **6** illustrates catching the leg of a human subject that is trying to kick and controlling him with the present invention;

FIG. **7** illustrates controlling the leg of a human subject who is holding onto a stationary object or fighting with someone with the present invention;

FIG. **8** illustrates a one-handed wristlock of a human subject with the present invention;

FIG. **9** illustrates setting the present invention and pulling a human subject to the ground;

FIG. **10** illustrates taking a human subject to the ground with the present invention and using the foot to control the human subject;

FIG. **11** illustrates stopping a human subject from punching or grabbing someone else with the present invention;

FIG. **12** illustrates hooking someone from behind and escorting them using one arm with the present invention;

FIG. **13** illustrates taking a human subject to the ground with the present invention using only one arm;

FIG. **14** illustrates one-armed control and takedown with a human subject in a handcuffed position with the present invention;

FIG. **15** illustrates two-handed bicep escorting with the present invention;

FIG. **16** illustrates one-handed bicep escorting with the present invention;

FIG. **17** illustrates two-handed bicep takedown with a human subject in a handcuffed position with the present invention; and

FIG. **18** illustrates a holster that may be used in conjunction with the passive restraint device of the present invention.

DETAILED DESCRIPTION OF THE INVENTION

Referring to FIG. **1**, a passive control tool **8** is shown to comprise a ball **10** which is connected to a handle **12**. Tool **8** further comprises an arm **14** connected to the handle **12** and to a weapon trap **16**. A striking base **18** is connected to the weapon trap **16** and to a pocket **20**. The weapon trap **16**, the striking base **18** and the portion of the tool **8** connecting the weapon trap **16** to the handle **12** comprise the body **19** of the passive control tool **8**. An arm trap **22** is connected to the pocket **20** and to a hook **24**. The passive control tool **8** has an overall length of approximately 20¾ inches indicated